

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Errors
1	BR S	37 12 6	(rotor\$1 microrotor\$1 microrotat\$4 rotat\$4 oriet\$5 tilt\$\$) near7 (stator\$2 base\$3 support\$3) same (actuata\$4 microactuata\$4)	USPAT; US-PGPUB	2003/03/31 14:29		0
2	BR S	98	(rotor\$1 microrotor\$1 microrotat\$4 rotat\$4) near7 (stator\$2 base\$3 support\$3) near9 (actuata\$4 microactuata\$4) and substrat\$2 and (mirror\$1 micromirror\$1) and switch\$3	USPAT; US-PGPUB	2003/03/31 18:22		0
3	BR S	22	((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4) near7 (stator\$2 base\$3 support\$3) near9 (actuata\$4 microactuata\$4) and substrat\$2 and (mirror\$1 micromirror\$1) and switch\$3 ) and etch\$4 and (mask\$3 photolithograph\$3 lithograph\$3)	USPAT; US-PGPUB	2003/03/31 14:40		0
4	BR S	13	((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4) near7 (stator\$2 base\$3 support\$3) near9 (actuata\$4 microactuata\$4) and substrat\$2 and (mirror\$1 micromirror\$1) and switch\$3 ) and etch\$4 and mask\$3	USPAT; US-PGPUB	2003/04/01 20:01		0
5	BR S	35	(rotor\$1 microrotor\$1 microrotat\$4 rotat\$4) near7 (stator\$2 base\$3 support\$3) near9 (actuata\$4 microactuata\$4 electroduct\$2) and substrat\$2 and (mirror\$1 micromirror\$1) and switch\$3 and etch\$4 and (mask\$3 photolithograph\$3 lithograph\$3)	USPAT; US-PGPUB	2003/03/31 15:31		0
6	BR S	0	("20030038225" "20030035192" "20030034542" "20030026570" "20030016905" "20030012487" "20030007262" "20020167072" "20020164123" "20020164113" "20020159170" "20020146200" "20020131795" "20020114557" "20020094152" "20020080021" "20020021860" "20010051014" "20010046107") and ("6501387" "6483957" "6469415" "6450180" "6392220" "6333584" "6330047" "6329925" "6323982" "6175443" "6025951" "5945898" "5867302" "5382961" "5285196") .pn.	USPAT; US-PGPUB	2003/03/31 15:02		0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Errors
7	BR S	19	"20030038225" "20030035192" "20030034542" "20030026570" "20030016905" "20030012487" "20030007262" "20020167072" "20020164123" "20020164113" "20020159170" "20020146200" "20020131795" "20020114557" "20020094152" "20020080021" "20020021860" "20010051014" "20010046107"	USPAT; US-PGPUB	2003/03/31 15:02		0
8	BR S	15	("6501387" "6483957" "6469415" "6450180" "6392220" "6333584" "6330047" "6329925" "6323982" "6175443" "6025951" "5945898" "5867302" "5382961" "5285196") .pn.	USPAT; US-PGPUB	2003/03/31 15:02		0
9	BR S	34	("20030038225" "20030035192" "20030034542" "20030026570" "20030016905" "20030012487" "20030007262" "20020167072" "20020164123" "20020164113" "20020159170" "20020146200" "20020131795" "20020114557" "20020094152" "20020080021" "20020021860" "20010051014" "20010046107") ("6501387" "6483957" "6469415" "6450180" "6392220" "6333584" "6330047" "6329925" "6323982" "6175443" "6025951" "5945898" "5867302" "5382961" "5285196") .pn.	USPAT; US-PGPUB	2003/03/31 15:03		0

	Types	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
10	BR S	34	((("20030038225" "20030035192" "20030034542" "20030026570" "20030016905" "20030012487" "20030007262" "20020167072" "20020164123" "20020164113" "20020159170" "20020146200" "20020131795" "20020114557" "20020094152" "20020080021" "20020021860" "20010051014" "20010046107") ("6501387" "6483957" "6469415" "6450180" "6392220" "6333584" "6330047" "6329925" "6323982" "6175443" "6025951" "5945898" "5867302" "5382961" "5285196").pn. )) and ((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4) near7 (stator\$2 base\$3 support\$3) near9 (actuat\$4 microactuat\$4 electrod\$2))	USPAT; US-PGPUB	2003/03/31 15:04		0	
11	BR S	15 4	((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4 ((revolv\$3 tilt\$4) near9 (mirror\$1 reflect\$4))) near7 (stator\$2 base\$1 support\$3)) same (actuat\$4 microactuat\$4 electrod\$2) and substrat\$2 and (mirror\$1 micromirror\$1) and switch\$3 and etch\$4	USPAT; US-PGPUB	2003/04/01 12:36		0	
12	BR S	11 9	((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4 ((revolv\$3 tilt\$4) near9 (mirror\$1 reflect\$4))) near7 (stator\$2 base\$1 support\$3)) same (actuat\$4 microactuat\$4 electrod\$2) and substrat\$2 and (mirror\$1 micromirror\$1) and switch\$3 and etch\$4) not ((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4) near7 (stator\$2 base\$3 support\$3) near9 (actuat\$4 microactuat\$4 electrod\$2) and substrat\$2 and (mirror\$1 micromirror\$1) and switch\$3 and etch\$4 and (mask\$3 photolithograph\$3 lithograph\$3))	USPAT; US-PGPUB	2003/03/31 15:41		0	
13	BR S	11 64 05	(stator\$2 base\$1 support\$3) near9 substrat\$2	USPAT; US-PGPUB	2003/03/31 15:44		0	

	Typ	Hits	Search Text	DBs	Time Stamp	Corr mm en ts	Er ro r De fi ni ti on	Er ro rs
14	BR S	60 12	((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4 ((revolv\$3 tilt\$4) near9 (mirror\$1 reflect\$4))) (stator\$2 base\$1 support\$3)) near9 (mask\$3 (layer\$1 same (etch\$4 removv\$4)))	USPAT; US-PGPUB	2003/03/31 15:54			0
15	BR S	3	((((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4 ((revolv\$3 tilt\$4) near9 (mirror\$1 reflect\$4))) near7 (stator\$2 base\$1 support\$3)) same (actuat\$4 microactuat\$4 electrodd\$2) and substrat\$2 and (mirror\$1 micromirror\$1) and switch\$3 and etch\$4) not ((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4) near7 (stator\$2 base\$3 support\$3) near9 (actuat\$4 microactuat\$4 electrodd\$2) and substrat\$2 and (mirror\$1 micromirror\$1) and switch\$3 and etch\$4 and (mask\$3 photolithograph\$3 lithograph\$3))) and ((stator\$2 base\$1 support\$3) near9 substrat\$2) and ((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4 ((revolv\$3 tilt\$4) near9 (mirror\$1 reflect\$4))) (stator\$2 base\$1 support\$3)) near9 (mask\$3 (layer\$1 same (etch\$4 removv\$4))))	USPAT; US-PGPUB	2003/03/31 15:54			0
16	BR S	1	5388173. pn.	USPAT; US-PGPUB	2003/03/31 18:22			0
17	BR S	42	((stator\$1) near9 (actuat\$4 microactuat\$4 electrodd\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3	USPAT; US-PGPUB	2003/12/11 16:41			0
18	BR S	41 07 3	(stator\$1) same (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4)	USPAT; US-PGPUB	2003/03/31 18:26			0
19	BR S	36 86 6	(stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4)	USPAT; US-PGPUB	2003/03/31 18:26			0
20	BR S	4	(((((stator\$1) near9 (actuat\$4 microactuat\$4 electrodd\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3) and (stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4))) and (mask\$3 (photo adj1 resis\$4) photoresis\$4)	USPAT; US-PGPUB	2003/03/31 19:26			0

	Typ	Hits	Search Text	DBs	Time Stamp	Corr muni enfi ts ni on	Er ro rs
21	BR S	8	<p>(((((stator\$1) near9 (actuat\$4 microactuat\$4 electrodd\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3 ) and ((stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4))) and etch\$4) not (((((stator\$1) near9 (actuat\$4 microactuat\$4 electrodd\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3 ) and ((stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4))) and (mask\$3 (photo adj1 resis\$4) photoresis\$4))</p>	USPAT; US-PGPUB	2003/03/31 18:42		0
22	BR S	11	<p>(((((stator\$1) near9 (actuat\$4 microactuat\$4 electrodd\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3 ) and ((stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4))) and etch\$4</p>	USPAT; US-PGPUB	2003/03/31 18:37		0
23	BR S	11	<p>(((((stator\$1) near9 (actuat\$4 microactuat\$4 electrodd\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3 ) and ((stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4))) not ((((((stator\$1) near9 (actuat\$4 microactuat\$4 electrodd\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3 ) and ((stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4))) and (mask\$3 (photo adj1 resis\$4) photoresis\$4)) ((((((stator\$1) near9 (actuat\$4 microactuat\$4 electrodd\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3 ) and ((stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4))) and etch\$4) not ((((((stator\$1) near9 (actuat\$4 microactuat\$4 electrodd\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3 ) and ((stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4))) and (mask\$3 (photo adj1</p>	USPAT; US-PGPUB	2003/03/31 18:46		0

	Type	Hits	Search Text	DBs	Time Stamp	Corrections	Errors
24	BR S	23	((stator\$1) near9 (actuat\$4 microactuat\$4 electrode\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3 ) and ((stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4))	USPAT; US-PGPUB	2003/03/31 19:22		0
25	BR S	16	((stator\$1) near9 (actuat\$4 microactuat\$4 electrode\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3 ) and (mask\$3 (photo adj1 resis\$4) photoresis\$4)	USPAT; US-PGPUB	2003/03/31 19:26		0
26	BR S	12	(((((stator\$1) near9 (actuat\$4 microactuat\$4 electrode\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3 ) and (mask\$3 (photo adj1 resis\$4) photoresis\$4)) near7 (((stator\$1) near9 (actuat\$4 microactuat\$4 electrode\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 microreflect\$4) and switch\$3 ) and ((stator\$1) near12 (rotor\$1 microrotor\$1 microrotat\$4 rotat\$4)))	USPAT; US-PGPUB	2003/04/01 17:44		0
27	BR S	3	((("5043043" "6362556" "6522802" "6430333").pn.) and ((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4 ((revolv\$3 tilt\$4) near9 (mirror\$1 reflect\$4))) near7 (stator\$2 base\$1 support\$3)) same (actuat\$4 microactuat\$4 electrode\$2)	USPAT; US-PGPUB	2003/04/01 13:30		0
28	BR S	3	((("5043043" "6362556" "6522802" "6430333").pn.) and (fabricat\$4 etch\$4 mask\$4 photoresit\$ photoresit\$ photolithograph\$4 lithograph\$4)	USPAT; US-PGPUB	2003/04/01 18:18		0
29	BR S	3	((("5043043" "6362556" "6522802" "6430333").pn.) and ((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4 ((revolv\$3 tilt\$4) near9 (mirror\$1 reflect\$4))) near7 (stator\$2 base\$1 support\$3)) same (actuat\$4 microactuat\$4 electrode\$2)) and (fabricat\$4 etch\$4 mask\$4 photoresit\$ photoresit\$ photolithograph\$4 lithograph\$4)	USPAT; US-PGPUB	2003/04/01 13:37		0
30	BR S	4	((("5043043" "6362556" "6522802" "6430333").pn.	USPAT; US-PGPUB	2003/04/01 14:31		0
31	BR S	1	5500761.pn.	USPAT; US-PGPUB	2003/04/01 15:07		0
32	BR S	2	((("5043043" "6362556" "6522802" "6430333").pn.) and (piezo\$9)	USPAT; US-PGPUB	2003/04/01 17:51		0

	Typ	Hits	Search Text	DBs	Time Stamp	Corr num en ts	Defi ni tion	Er ro rs
33	BR S	4	((("5043043" "6362556" "6522802" "6430333").pn.) and (actuat\$5 electrod\$3 microactuat\$5 microelectrod\$3))	USPAT; US-PGPUB	2003/12/02 12:20			0
34	BR S	1	((("5043043" "6362556" "6522802" "6430333").pn.) and (photo photoresist\$4 photolitho photoresit\$\$ photolithograph\$4)	USPAT; US-PGPUB	2003/04/01 18:15			0
35	BR S	29	photoresit\$\$ and (photolithograph\$4 (photo adj1 lithograph\$4))	USPAT; US-PGPUB	2003/04/01 18:27			0
36	BR S	1	(photoresit\$\$ and (photolithograph\$4 (photo adj1 lithograph\$4))) and ((switch\$4 microswitch\$4) and (actuat\$5 microactuat\$4))	USPAT; US-PGPUB	2003/04/01 18:25			0
37	BR S	84 9	((switch\$4 microswitch\$4) and (piezoelectric near7 (actuat\$5 microactuat\$4)) and etch\$5)	USPAT; US-PGPUB	2003/04/01 18:29			0
38	BR S	23 3	((switch\$4 microswitch\$4) and (piezoelectric near7 (actuat\$5 microactuat\$4)) and etch\$5)) and (photolithograph\$4 (photo adj1 lithograph\$4))	USPAT; US-PGPUB	2003/04/01 18:28			0
39	BR S	17 0	(((((switch\$4 microswitch\$4) and (piezoelectric near7 (actuat\$5 microactuat\$4)) and etch\$5)) and (photolithograph\$4 (photo adj1 lithograph\$4))) and (etch\$5 same (photolithograph\$4 (photo adj1 lithograph\$4)))	USPAT; US-PGPUB	2003/04/01 18:29			0
40	BR S	12 3	(((((switch\$4 microswitch\$4) and (piezoelectric near7 (actuat\$5 microactuat\$4)) and etch\$5)) and (photolithograph\$4 (photo adj1 lithograph\$4))) and (etch\$5 same (photolithograph\$4 (photo adj1 lithograph\$4))) and (piezoelectric near1 (actuat\$5 microactuat\$4))	USPAT; US-PGPUB	2003/04/01 18:30			0
41	BR S	42	((((((switch\$4 microswitch\$4) and (piezoelectric near7 (actuat\$5 microactuat\$4)) and etch\$5)) and (photolithograph\$4 (photo adj1 lithograph\$4))) and (etch\$5 same (photolithograph\$4 (photo adj1 lithograph\$4))) and (piezoelectric near1 (actuat\$5 microactuat\$4)) ) and deposit\$5 and mirror\$3	USPAT; US-PGPUB	2003/04/01 18:30			0

	Typ	Hits	Search Text	DBs	Time Stamp	Comments	Errors
42	BR S	38	(((((switch\$4 microswitch\$4) and (piezoelectric near7 (actuat\$5 microactuat\$4)) and etch\$5)) and (photolithograph\$4 (photo adj1 lithograph\$4))) and (etch\$5 same (photolithograph\$4 (photo adj1 lithograph\$4))) and (piezoelectric near1 (actuat\$5 microactuat\$4)) ) and deposit\$5 and mirror\$3) and substrat\$3	USPAT; US-PGPUB	2003/04/01 18:31		0
43	BR S	9	385/\$.ccils. and (((((((switch\$4 microswitch\$4) and (piezoelectric near7 (actuat\$5 microactuat\$4)) and etch\$5)) and (photolithograph\$4 (photo adj1 lithograph\$4))) and (etch\$5 same (photolithograph\$4 (photo adj1 lithograph\$4))) and (piezoelectric near1 (actuat\$5 microactuat\$4)) ) and deposit\$5 and mirror\$3) and substrat\$3)	USPAT; US-PGPUB	2003/04/01 18:44		0
44	BR S	1	((("5043043" "6362556" "6522802" "6430333").pn.) and photoresist\$4	USPAT; US-PGPUB	2003/04/01 18:44		0
45	BR S	0	((rotor\$1 microrotor\$1 microrotat\$4 rotat\$4) near7 (stator\$2 base\$3 support\$3) near9 (actuat\$4 microactuat\$4) and substrat\$2 and (mirror\$1 micromirror\$1) and switch\$3 ) and etch\$4 and mask\$3	EPO; JPO; DERWENT	2003/04/01 20:01		0
46	BR S	1	5043043.pn.	USPAT; US-PGPUB	2003/12/02 12:39		0
47	BR S	1	5043043.pn. and mask same sacrific\$5	USPAT; US-PGPUB	2003/12/02 12:39		0
48	BR S	55	((stator\$1) near9 (actuat\$4 microactuat\$4 electro\$1)) and substrat\$2 and (mirror\$1 micromirror\$1 reflect\$3 micromirror\$1 reflect\$3) and switch\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/12/11 16:43		0